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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | | Application Number | 10/684,248 |
| | | Filing Date | October 10, 2003 |
| | | First Named Inventor | Wei LIU <i>et al.</i> |
| | | Group Art Unit | 1652 |
| | | Examiner Name | Rebecca E. Prouty |
| Total Number of Pages in This Submission | 4 | Attorney Docket Number | 031896-009000 (AM101074) |

| ENCLOSURES (check all that apply) | | |
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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input checked="" type="checkbox"/> Other Enclosure(s): PTO Form-1449 citing one (1) U.S. patent application publication, ten (10) references, and one (1) PCT patent application publication (WO/01/75067 A2) submitted on CD-R. |
| Remarks | | <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 (031896-009000) for the above identified docket number. |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm or Individual name | Raymond Van Dyke, Reg. No.34,746 Nixon Peabody LLP 409 9 th Street, N.W. Suite 900 Washington, D.C. 20004-2128 |
| Signature | |
| Date | May 25, 2005 |

| CERTIFICATE OF MAILING | |
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| CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] | |
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| <input checked="" type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 | |
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| May 25, 2005 Date | _____ Signature |



Docket No. 031896-0090000

(AM101074)

Patent

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of:)
Wei LIU *et al.*) Group Art Unit: 1652
Application No.: 10/684,248) Examiner: Rebecca E. Prouty
Filed: October 10, 2003) Confirmation No.: 5095
For: COMPOSITIONS, ORGANISMS)
AND METHODOLOGIES EMPLOYING)
A NOVEL HUMAN KINASE)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents is enclosed.

The documents are being submitted within three (3) months of the filing of this application or entry into the national stage of this application, or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached Form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

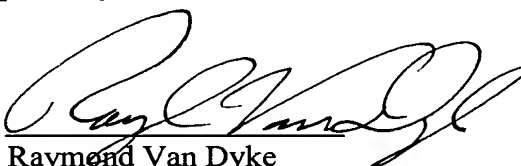
Applicants respectfully note that one (1) of the cited references, WO 01/75067 A2, is a 3,986-page document. To simplify submission, an electronic copy of this reference is hereby submitted on CD-R. A full paper copy of this reference will be forwarded to the Examiner upon request.

The Commissioner is hereby authorized to charge any fees connected with this filing, which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

Date: May 25, 2005

By:


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| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 10/684,248 |
| | | | | Filing Date | October 10, 2003 |
| | | | | First Named Inventor | Wei LIU <i>et al.</i> |
| | | | | Art Unit | 1652 |
| | | | | Examiner Name | Rebecca E. Prouty |
| Sheet | 1 | of | 1 | Attorney Docket Number | 031896-009000 (AM101074) |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | US-2004/0038881 | 02-26-2004 | BANDMAN, O. <i>et al.</i> | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | WO 02/18557 A2 | 03-07-2002 | BANDMAN, O. <i>et al.</i> | | |
| | | WO 01/66594 A2 | 09-13-2001 | PLOWMAN, G.D. <i>et al.</i> | | |
| | | WO 02/24924 A2 | 03-28-2002 | TANG, Y.T. <i>et al.</i> | | |
| | | WO 01/75067 A2 | 10-11-2001 | DRMANAC, R.T. <i>et al.</i> | (submitted in electronic format) | |
| | | WO 02/081731 A2 | 10-17-2002 | TANG, Y.T. <i>et al.</i> | | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|----------------------------|---|----------------|
| Examiner Initials* | Cite - No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | ARAVIND, L. and KOONIN, E.V., "Phosphoesterase domains associated with DNA polymerases of diverse origins," <i>Nucleic Acids Res.</i> , 26(16):3746-52 (1998) | |
| | | MYERS, R.M. <i>et al.</i> , "Detection of single base substitutions by ribonuclease cleavage at mismatches in RNA:DNA duplexes," <i>Science</i> , Vol. 230 (4731):1242-1246 (1985) | |
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| | | COLLINS, F.S., "Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences," <i>Proc. Natl. Acad. Sci. USA</i> , 99(26):16899-16903 (2002) | |
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| Examiner Signature | Date Considered |
|-----------------------|--------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.